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S/N 09/346,283

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Michael R. Flannery

Examiner: Jose R. Diaz

Serial No.: 09/346,283

Group Art Unit: 2815

Filed: July 1, 1999

Docket: 450.202US1

Title: INTEGRATED CIRCUIT WITH UNIFIED INPUT DEVICE,  
MICROPROCESSOR AND DISPLAY SYSTEMS

#8/Response  
4/11/01  
Hayes  
**PATENT**

**AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents  
Washington, D.C. 20231

Applicant has reviewed the Office Action mailed on December 14, 2000. Please amend the above-identified patent application as follows.

**IN THE CLAIMS**

The following claims are not amended, but are repeated here for reference:

1. An integrated circuit with a micromechanical element comprising a support substrate supporting a sensor element, a logic circuit and a semiconductor visual display element, the sensor element electrically connected to a logic circuit, and the logic circuit being electrically connected to the semiconductor visual display element.
2. The integrated circuit of claim 1 wherein said semiconductor display element comprises an array of light-emitting pn junctions.
3. The integrated circuit of claim 2 wherein said light-emitting pn junctions comprise GaAs light-emitting pn junctions.
4. The integrated circuit of claim 1 wherein said visual display element comprises an array of semiconductor pixels having dimensions of less than 20 micrometers.
5. The integrated circuit of claim 2 wherein said visual display element comprises an array of semiconductor pixels having dimensions of less than 20 micrometers.